|          | Index of Claims |          |          |          |          |            |   |  |              |  |                |          |            | Αp       | Application No. |               |              |           |              |  |          |                         |              |          | Applicant(s)   |                 |         |           |              |          |                 |                |          |          |   |   |
|----------|-----------------|----------|----------|----------|----------|------------|---|--|--------------|--|----------------|----------|------------|----------|-----------------|---------------|--------------|-----------|--------------|--|----------|-------------------------|--------------|----------|----------------|-----------------|---------|-----------|--------------|----------|-----------------|----------------|----------|----------|---|---|
|          |                 |          |          |          |          |            |   |  |              |  |                |          |            |          | 09/986,105      |               |              |           |              |  |          |                         |              |          | MANSFIELD ET A |                 |         |           |              |          |                 |                |          |          |   |   |
|          |                 |          |          | Ш        |          |            |   |  |              |  |                |          |            |          |                 |               | Examiner     |           |              |  |          |                         |              |          |                |                 |         | Ur        |              |          |                 | Τ              | `-       | <u> </u> |   | - |
|          |                 |          |          |          |          |            |   |  |              |  |                |          |            | 1        |                 |               |              |           |              |  |          |                         |              |          |                |                 |         |           |              |          |                 |                |          |          |   |   |
| <u>-</u> |                 | 118811   |          | 1111     | 1111     | 11111      |   | 11181  | 11811        | *1III  |                |          |            |          |                 | $\perp$       | Ali Imam     |           |              |  |          |                         |              |          |                | 37              | 37      |           |              |          |                 |                |          | •        | _ |   |
|          |                 |          |          |          |          |            |   |  |              |  |                |          |            |          |                 |               | _            |           |              |  |          |                         |              |          |                |                 |         |           |              |          |                 |                |          |          |   |   |
|          |                 |          | V        | R        | eie      | ecte       | ed  |  |              | L  | 1              | (Thr     | ou         | gh n     | um              | era           | I)           |           | ١.           |  | No       | Non-Elected             |              |          |                |                 |         | Аp        | pea          | al       |                 |                |          |          |   |   |
|          | √ Rejected –    |          |          |          |          |            |   |  |              | Cancelled                                    |                |          |            |          |                 | N Non-Elected |              |           |              |  | Α        |                         | ٦٠٠          |          |                | $\Box$          |         |           |              |          |                 |                |          |          |   |   |
|          | = Allowed       |          |          |          |          |            |   |  |              | +  |                |          | Restricted |          |                 |               |              |           |              | Interf                                       |          | erfo                    | ference      |          |                | 0               | Oh      |           | jected       |          |                 |                |          |          |   |   |
|          |                 |          |          |          |          |            |   |  |              | Ľ  |                |          |            |          |                 |               |              |           | Ľ            | <u>'                                    </u> |          | CITC                    | ····         |          |                |                 |         | <i>-</i>  |              | -u       |                 |                |          |          |   |   |
| ſ        |                 |          | Τ        |          |          |            | <u> </u>  | _  |              |  |                | _        | <u> </u>   |          |                 |               |              | _         | 4.           |  |          |                         | 1 _          |          |                |                 |         |           |              |          |                 |                | _        |          |   |   |
|          | Cla             | aim<br>  |          | Date     |          |            | e<br>   | Т  | Τ            | Н  | -              | Claim    |            | Т        | Т               | Т             | Da           | T         | $\Box$       |  | $\top$   | $\dashv \vdash $        |              | im_      | -              | Date            |         |           | П            | $\neg$   |                 |                |          |          |   |   |
|          | Final           | Original | 6/25/04  | İ        |          |            |   |  |              |  |                | -        | rinai      | Original |                 |               |              |           |              |  |          |                         |              | Finat    | Originaf       |                 |         |           | ŀ            |          |                 |                |          |          |   |   |
|          | ίĒ              | Orig     | 6/25     |          |          |            |   |  |              |  |                | l        | =          | Orig     |                 |               |              |           |              |  |          |                         |              | <u>.</u> | Örië           |                 |         |           |              |          |                 |                |          |          |   |   |
| -        |                 | 1        | =        |          | _        | <u> </u>   | _   | ┝  | -            | -  |                |          | _          | 51       | +               | +             | +            | +         | +            | +  |          |                         | ł ŀ          |          | 101            |                 |         | -         | +            | ļ        |                 | -              |          |          |   |   |
| ł        |                 | 2        | =        | $\vdash$ | -        | 1          | -   | H  | ╁╴           | ╁  | Н              | -        | _          | 52       | $\dashv$        | +             | +            | ╁         | t            | ╁  | +        | ╁                       | ┧┟           | _        | 102            | H               | +       | +         | +            | $\vdash$ | H               | $\dashv$       | -        |          |   |   |
|          |                 | 3        | Ξ        |          |          |            |   |  |              |  |                |          |            | 53       |                 |               |              |           |              |  |          |                         |              |          | 103            |                 |         |           |              |          |                 | 士              |          |          |   |   |
|          |                 | 4        | =        |          |          | lacksquare |   |  | Ļ.           | <u> </u>                                     |                |          |            | 54       |                 | 4             |              | $\perp$   | $\perp$      | 4  | $\perp$  | 4                       | ] [_         |          | 104            | Ш               | $\perp$ |           |              |          | П               |                |          |          |   |   |
| ļ        |                 | 5        | =        | _        | L        | $\vdash$   | L   | ┝  | ╁            | -  | Н              | -        | -          | 55<br>56 | -+              | +             | +            | +         | +            | +  | +-       | +                       | <del> </del> | -        | 105<br>106     |                 |         | +         | ╁            | ₩        | Н               | $\dashv$       |          |          |   |   |
|          |                 | 7        | =        | $\vdash$ | -        | $\vdash$   | -   | $\vdash$   | <del> </del> | ╁  | Н              |          | $\dashv$   | 57       | $\dashv$        | +             | +            | ┿         | +            | +  | ╁        | +                       | ┧┟           | $\dashv$ | 107            | $\vdash$        | +       | +         | ╁            | ┼╌       | H               | +              | ⊣        |          |   |   |
| į        |                 | 8        | =        |          |          |            |   |  |              |  |                |          |            | 58       |                 |               |              |           |              |  |          |                         |              |          | 108            |                 |         |           |              |          |                 |                |          |          |   |   |
| ļ        |                 | 9        | Ξ        |          |          |            |   |  |              |  |                |          |            | 59       | $\perp$         | $\perp$       |              | I         | $\perp$      | Ţ  | Ţ        |                         | ] [          |          | 109            |                 | $\perp$ | $\bot$    |              |          |                 |                |          |          | • |   |
|          |                 | 10<br>11 | =        |          | _        | -          | L   | -  | ┼            | <u> </u>                                     | Н              | -        | _          | 60<br>61 | $\dashv$        | +             | +            | +         | +            | +  | +        | $\perp$                 | ▎├           | $\dashv$ | 110            | $\sqcup$        | +       | +         | -            | -        |                 | $\dashv$       | ᅴ        |          |   |   |
|          |                 | 12       | =        |          | $\vdash$ | -          | -   | $\vdash$   | +            | ⊢  | Н              | -        | $\dashv$   | 62       | +               | +             | +            | +         | ÷            | +  | +        | +                       | ┧┝           |          | 111<br>112     | H               |         | +         | 1            | -        |                 | +              | $\dashv$ |          |   |   |
| Ì        |                 | 13       | =        |          |          |            |   |  |              | H  | Н              |          |            | 63       | $\dashv$        | $\top$        |              | ✝         | +            | +  | _        | $\top$                  | i Ի          | $\neg$   | 113            |                 | $\top$  | $\dagger$ | 1            | H        | П               | $\neg \dagger$ | $\dashv$ |          |   |   |
|          |                 | 14       | =        |          |          |            |   |  |              |  |                |          |            | 64       | $\Box$          | $\perp$       |              | T         | I            |  |          |                         | ] [          |          | 114            |                 |         |           |              |          |                 |                |          |          |   |   |
| -        |                 | 15       | =        |          |          |            |   |  | ╀            | _  | Н              | -        | 4          | 65<br>66 | +               | +             | +            | +         | +            | +  | -        | +                       | <b>∤</b>     | -        | 115            | Н               | +       | +-        | +            |          | Н               | _              | $\dashv$ |          |   |   |
| ŀ        |                 | 16<br>17 | =        |          |          |            |   |  | ┢            | H  | H              | $\vdash$ | -          | 67       | +               | +             | +            | +         | ╁            | ╁  | ╁        | +                       | ┨            |          | 116<br>117     | H               |         | ╁         | ╁            | ├        | Н               | $\dashv$       | $\dashv$ |          |   |   |
|          |                 | 18       | =        |          |          |            |   |  |              |  |                |          |            | 68       | $\top$          | $\top$        | $\top$       |           | $\dagger$    | T  | 1        | $\Box$                  | 1            |          | 118            |                 |         | ╅         |              |          | H               | $\dashv$       |          |          |   |   |
|          |                 | 19       | =        |          |          |            |   |  |              |  | П              |          |            | 69       |                 |               | $\perp$      |           | Ţ            |  |          | Ш                       | ] [          |          | 119            |                 |         |           | $oxed{\Box}$ |          |                 | $\Box$         |          |          |   |   |
|          |                 | 20<br>21 | =        | L        |          | _          | _   | ┞  | ├-           |  | $\vdash$       | -        |            | 70<br>71 |                 | +             | +            | +         | +            | +  | -        | +                       | <del> </del> | -        | 120<br>121     | $\vdash$        | +       | +-        | -            |          | $\vdash$        | -+             |          |          | • |   |
|          |                 | 22       | =        |          | _        |            |   | $\vdash$   | ╁╴           | -  | Н              |          |            | 72       | $\dashv$        | +             | +            | $^{+}$    | +            | +  | +        | $^{\dagger}$            | ┧┝           | - +      | 122            |                 | +       | +         | +            |          | $\vdash$        | $\dashv$       |          |          |   |   |
|          |                 | 23       | =        |          |          |            |   |  |              |  |                |          |            | 73       |                 |               |              | 1         |              |  |          |                         |              |          | 123            |                 |         |           | 1            |          |                 | $\exists$      |          |          |   |   |
| ļ        |                 | 24       | п        |          | L        |            |   |  | <u> </u>     | <u>                                     </u> |                |          |            | 74       | $\perp$         | _             |              |           | $\perp$      |  |          | $\perp$                 |              | _        | 124            |                 |         | ļ         |              |          | П               | _              |          |          |   |   |
| }        |                 | 25<br>26 | =        | _        | -        | -          | _   | _  | -            | -  | Н              | -        | $\dashv$   | 75<br>76 | +               |               | +            | +-        | ╀            | +  | +        | $\vdash$                | <b> </b>     | $\dashv$ | 125<br>126     | $\vdash$        | +       | +         | +            | ļ        | -               | -+             | _        |          |   |   |
| }        |                 | 27       | =        |          | -        | -          | <del> </del>  | <del>                                     </del> | ╁╌           |  | Н              | $\vdash$ | $\dashv$   | 77       | -†              | +             | ┰            | +         | +            | +  | +        | +                       | ┨┠           |          | 127            | $\vdash$        | +       | +         | ╁            | -        | $\vdash$        |                |          |          |   |   |
|          |                 | 28       | =        |          |          |            |   |  |              |  |                |          |            | 78       |                 |               | 士            | +         | T            |  |          |                         |              |          | 128            |                 |         |           |              |          |                 |                |          |          |   |   |
| ļ        |                 | 29       | =        |          |          |            |   |  |              |  |                | _        |            | 79       |                 | 1             | $\perp$      |           | $\perp$      |  | $\perp$  | Ш                       |              |          | 129            |                 |         | $\bot$    |              |          |                 |                |          |          |   |   |
| }        |                 | 30<br>31 | =        |          |          | -          | -   |  | -            |  | Н              | -        | _          | 80       |                 | +             |              | +         | +            | +  | +        | +                       | l ⊩          |          | 130<br>131     |                 | +       | +         | ╁            | -        |                 | -+             | $\dashv$ |          |   |   |
| }        |                 | 32       | =        |          | _        |            |   |  | ┢            |  |                | -        | $\dashv$   | 82       |                 | +             | ╅            | +         | +            | $^{+}$                                       | +        | +                       | ┧┝           |          | 132            | $\dashv$        | +       | ╁╴        | ╁            | $\vdash$ | -               | $\dashv$       | $\dashv$ |          | • |   |
| į        |                 | 33       | =        |          |          |            |   |  |              |  |                |          |            | 83       |                 | I             | 士            |           |              |  | 工        |                         |              |          | 133            |                 |         |           |              |          |                 |                |          |          |   |   |
|          |                 | 34       | =        |          |          |            |   |  | L            |  |                |          |            | 84       |                 | 1             | $\perp$      | $\perp$   | $\perp$      | $\perp$                                      | <u> </u> | Щ                       |              |          | 134            |                 |         |           |              |          |                 |                |          |          |   |   |
| }        |                 | 35<br>36 | Н        |          |          |            | _   | _  | ┝            |  | Н              | -        | 4          | 85<br>86 | -               | +             | +            | ╀         | +            | +-   |          | +                       | <b>∤</b> ⊢   |          | 135<br>136     | $\dashv$        |         | +-        | ┼            | $\vdash$ | $\vdash$        | -              | -        |          |   |   |
|          |                 | 37       |          |          | -        |            |   |  | ╁            |  | Н              | $\vdash$ | 寸          | 87       | $\dashv$        | +             | +            | $\dagger$ | ╁            | +-   | ╅╴       | +                       | ┨            | $\dashv$ | 137            | $\dashv$        | +       | +         | ╁            | $\vdash$ | -               | $\dashv$       | $\dashv$ |          |   |   |
|          |                 | 38       |          |          |          |            |   |  |              |  |                |          |            | 88       |                 |               |              | İ         |              |  |          |                         | 1 [          |          | 138            |                 |         |           |              |          |                 |                |          |          |   |   |
|          |                 | 39       | $\sqcup$ |          |          |            |   | _  | _            |  | Ш              | _        | _          | 89       | 4               | 4             | -            | 1         | $\downarrow$ | _  | _        | Щ                       | l ∟          |          | 139            |                 | 4       | ↓_        | ┡            |          |                 |                | _        |          |   |   |
| ŀ        |                 | 40<br>41 | Н        |          | _        | -          | _   | -  | <del> </del> |  | Н              | ┢        | $\dashv$   | 90<br>91 | +               | +             | -            | ╀         | ╀            | +  | +        | H                       | -            |          | 140<br>141     | $\dashv$        | +       | +         | ┼            | ├        | $\vdash$        | _              | $\dashv$ |          |   |   |
|          |                 | 42       |          |          |          | -          | $\vdash$  | <del>                                     </del> | 一            | -  | Н              | $\vdash$ | _          | 92       | $\dashv$        | +             | +-           | +         | $^{+}$       | +  | +        | $\vdash$                | ╽┟           |          | 142            |                 | +       | ╁         | ╁╌           |          | -               | $\dashv$       | $\dashv$ |          |   |   |
| [        |                 | 43       |          |          |          |            |   |  |              |  |                |          | ╛          | 93       | 丁               |               | 1            |           | Ţ            |  |          | 口                       |              |          | 143            |                 |         |           |              |          |                 | 士              |          |          |   |   |
| [        |                 | 44       | $\Box$   |          |          | lacksquare |   | $\vdash$   | L            | $\Box$                                       | Ц              |          | $\Box$     | 94       | $\bot$          | $\perp$       | Ţ            | $\bot$    | $\bot$       | $\perp$                                      | $\perp$  | $\Box$                  | [            |          | 144            | П               | $\perp$ |           | L            |          |                 | $\Box$         | $\Box$   |          |   |   |
| }        |                 | 45<br>46 | Н        |          | <u> </u> | -          | $\vdash$  | $\vdash$   | $\vdash$     | -  | $\vdash\vdash$ | -        | $\dashv$   | 95<br>96 |                 | +             | +            | +-        | +            | +  | +        | $\dashv$                |              |          | 145<br>146     | $\vdash \vdash$ | +       | +         | $\vdash$     | $\vdash$ | $\vdash \vdash$ |                | $\dashv$ |          |   |   |
| ŀ        |                 | 47       | $\vdash$ |          |          |            | -   | $\vdash$   | $\vdash$     | -  | $\dashv$       | 卜        | _          | 97       | +               | +             | +            | +         | +            | +  | +        | + +                     | -            |          | 147            | $\vdash$        | +       | +         | +            |          | $\vdash$        | $\dashv$       | $\dashv$ |          |   |   |
|          |                 | 48       |          |          |          |            |   |  |              |  |                |          |            | 98       | ightharpoons    | 丄             | 1            |           | 1            | 1  | T        |                         |              |          | 148            |                 | 土       |           |              |          |                 |                |          |          |   |   |
| 1        |                 | 49       |          |          | _        | L          |   | _  | $\vdash$     | <u> </u>                                     | Щ              | -        | _          | 99       | $\perp$         | _             | $\downarrow$ | -         | 4            | +  | +        | $\downarrow \downarrow$ | Ĺ            |          | 149            | $\Box$          |         | 1         | $\perp$      | $\Box$   | Д               | $\bot$         | $\Box$   |          |   |   |
| Į        |                 | 50       | لـــا    |          |          | L_         | $ldsymbol{ld}}}}}}$ | L_   |              | $ld_{-}$                                     | LJ             | L        |            | 100      |                 |               |              |           | _            | _L   |          | ⊥                       | J L          |          | 150            | Ш               |         | 1         | <u>L</u>     | Ш        | Ш               |                | $\Box$   |          |   |   |